



(19)

(11) Publication number:

10

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: 08195740

(51) Intl. Cl.: E04F 13/04

(22) Application date: 05.07.96

(30) Priority:

(43) Date of application
publication: 20.01.98(84) Designated contracting
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**(54) FIBER STRUCTURE
FOR CEMENT MORTAR
CAPABLE OF BEING
PLACED THICKLY**

(57) Abstract:

PROBLEM TO BE SOLVED: To stably and surely fix a concrete bed to a cement mortar into one unit by crossing filaments in axial arrangement to form a net sheet and implanting alkaline resistant fiber piles therein.

SOLUTION: A net sheet S in a longitudinally and laterally perpendicular condition which has wefts 10b held between warps 10a arranged at equal spaces is covered with a synthetic rubber resin with alkaline resistance to be formed in an indissolubly tissue hardened condition. An arrangement space W can be about 5-50mm. The net sheet S is coated with a synthetic resin adhesive and then piles 11 are implanted therein with electric

implantation. The material of the pile 11 is alkaline resistant organic fiber such as acryl and polypropylene. The length of the pile 11 is 0.5mm-30mm and the size of the fiber is preferably about 1.5de-3000de. In this way, a fiber structure which allows mortar to be easily placed thicker onto concrete bed with one operation is obtained.

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